

## Core Innovation. Pioneering Industry Benchmarks.

Medica Instrument Mfg Co is an ISO 13485:2012 certiied leading manufacturer of laboratory medical instruments since over four decades. EQUITRON is its leading brand - well known for Autoclaves - Single Lever, Media Preparators, Baths, Dispenser for Peni Cylinders amongst others. This range is ably supported by its other brands ROTEVA and EVATOR in Rotary Vacuum Evaporators, LAPIZ in Colony Counter and EQUIBATH in Refrigerated Circulating Baths.

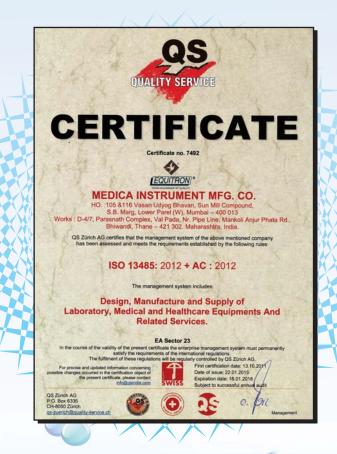
The emphasis and focus at Medica has always been on user friendly products with an attention to detail leading to its product being an asset to any modern setup. The highlights of Medica products are:

- Medica has been at the forefront in usage of latest technology in production
- and its products
- Excellent aesthetics and bespoke designs
- Reliable and consistent performance over a period of time
- Low down time
- Assured parts availability
- Telephonic and e-mail support from qualified Customer Support Engineers

Majority of the products are 'plug-n-use' easy to install and require no elaborate installation.

All electrical products are supplied with:

- Detailed Operation Manual including installation guidance and basic troubleshooting
- Test Reports
- Calibration certificates traceable to National standards
- Warranty Cards
- One additional spare gasket is part of standard supply - where applicable



### **OUR RANGE OF PRODUCTS**





Unique single lever locking

Choice of Fully Automatic / Preset Automatic Digital / Standard models

Capacity 35 to 180 lit



Unique single lever series

PLC based controller

Inbuilt documenting option

Available with Drain (Exhaust) Cooling, Positive Pulsing, Air Ballast with filter (post sterilization) options.

### equitron®



### **Autoclave - SLV**

Unique Single lever locking

PLC based Controller

Pre & post vacuum facility

Passes B-D test

Capacity 113 to 180 lit



### **MEDIA PREPARATOR cum AUTOCLAVE**

Prepares 3~27 lit of liquid Media & Agar

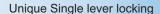
Continuous stirring throughout the cycle assures proper mixing of media & uniformity

Media sterilization temp range: up to 122°C

Capacity 9 & 27 lit

### equitron<sup>®</sup>

#### **Autoclave - SLEDD**



**PLC** based Control

Temperature range up to 134°C

Efficient post sterilization drying

Conformance to National & International Standards



### **Autoclave - Vertical** FA / PAD / STWL

Choice of Fully Automatic / Preset Automatic Digital / Standard models

Market leaders in FA segment since over a decade

Wide documenting options available

Capacity 35 to 180 lit

### equitron®

### **Autoclave - Table Top** CLASS N/S/B



Upto 134°C

Drying with door open option

Safety Valve for over pressure

Capacity 11 to 22 lit

## equitron® Autoclave - PRABAL Series



Horizontal loading

PLC based control

Efficient post sterilization drying

Capacity 70 to 80 Lit

## **MEDICA INSTRUMENT MFG CO**

## equitron® LABORATORY INCUBATOR with internal circulation



Safety tempered inner glass door

Internal circulating design ensures a a high level of control accuracy and uniformity

Over temperature safety protection & MCB



Digital PID temperature controller with timer, alarms and auto tuning

Incoloy sheathed heater

Non contact type door switch

Over temperature safety protection & MCB

### equitron® BOD Incubator



Classic & Intello series BOD Incubator

PID temperature controller with soak timer

Tempered safety glass door

Independent over temperature

Online documenting to PC through Ethernet (for Intello series only)



For fast and accurate dispensing of peni cylinders in antibiotic potency testing by agar diffusion

Entire construction of stainless steel - GMP

Selection of 4 or 6 cylinders

#### equibath<sup>®</sup> **Refrigerated Circulating-EQUIBATH - 6L**



Temperature range -10 to +120°C

PID temperature controller with timer, alarm and over temperature protection

Cooling capacity: 250W at 10°C

Impeller type external circulation pump with 9 lit/min capacity



### **Refrigerated Circulating-EQUIBATH - 20L**

Temperature range -10 to 120°C

PID temperature controller with timer, alarm & over temperature protection

Cooling capacity: 350W at 20°C

Impeller type external circulation pump with 8 lit/min capacity

## equitron® Stirred Water Bath





Excellent Control Accuracy of ±0.1°C at 37°C

5 lit to 28 lit capacity

Wide choice of accessories including Platforms, Weight Rings, Concentric Rings, Gabled Lid etc.

### equitron® Shaking Bath



Digital RPM upto 175 oscillations

Temperature range upto 80°C

Control accuracy ±0.2°C at 37°C

Unique flask tray enables interchangeably of different capacity flasks





## equitron<sup>®</sup> Concentric Rings Bath - Thermostatic / Digital

Double walled full SS construction



With water level indicator

Drop on lid enables easy cleaning of bath

Temperature range: Ambient +5°C to 100°C



### **Unstirred Water Bath**

Full SS GMP construction

Control accuracy at 37 is ±0.3°C

Dry run safety alarm

PID temperature controller

Temperature range: Ambient + 5 to 99.9°C with optional gabled lid



### equitron® Anaerobic Culture Jar POLYCARBONATE

Strong Moulded transparent Jar

Aluminium cast lid with heat cured expoy coating

Supplied with Cold Catalyst & SS Petri Dish Carrier



### equitron® Anaerobic Culture Jar - SS

Seamless Stainless Steel Body & Lid

Supplied with Cold Catalyst & SS Petri Dish Carrier

Semi Lucas type indication facility

Choice of two sizes Ø12x20 cm & Ø22x22 cm

### Colony Counter - GMP Model



Unique sensor pad on base ensure usage of any hard tipped marker pen for marking & counting

# equitron® Water Still - with

### Thermostatic cut-off

Full SS construction

Wall mountable or table top

Supplied with all accessories like flow rate meter, tubings, haffman clip, tap adapter etc.

### Digital count upto 9999





### **Autoclave - Portable Automatic / Standard**

Die pressed Seamless SS body

Automatic series with preset temperature & time

**Automatic purging** 

Capacity 16 lit

### equitron®



### **Dressing Drums**

Fully stainless steel

Die punched burr free perforations

Robust sliding & latching mechanism

Polished crevice free interiors

## **MEDICA INSTRUMENT MFG CO**

### roteva® Rotary Vacuum Evaporator



Small foot-print

Temp range upto 180°C

Sparkless motor

Option of six glass sets

### evator® Rotary Vacuum Evaporator



Small foot print

Temp range upto 100°C

Maintenance free manual Lift

Assured performance

## equitron<sup>®</sup> Vacuum Pump - PTFE coated diaphragm- 5 mbar



PTFE coated diaphragm, manufactured with German technology

Max air displacement: 38 LPM

Ultimate Vacuum: 5 mbar

## equitron<sup>®</sup> Vacuum Pump - PTFE coated diaphragm- 35 mbar



PTFE coated diaphragm, manufactured with German technology

Max air displacement: 38 LPM

Ultimate Vacuum: 35 mbar

### equitron® Vacuum Controller



Enhance Solvent recovery to

Compatible with any lab vacuum source

Digital display 1000 to 0 mbar

Control accuracy ± 3 mbar

### equitron®



### **Chilled Water Circulator**

CFC free hermetically sealed rotary compressor

Cooling capacity 2500 W at 15°C

Reservoir capacity of approximately 25 lit

Available in 4 lit also

### equitron<sup>®</sup>

#### Round Oil Bath -**Immersion Series**



Cost effective solution

Stainless still Seamless bath chamber

Capacity 1 to 10 lit

### equitron<sup>®</sup>

### **Round Oil Bath - Clear Bottom**





PID Control upto 300°C with timer

Overshoot alarm for safety

Capacity 1 to 10 lit



### equitron® Slide Cabinet

Unique modular design occupies just 11/4 square feet for 21600 bulk slides or 7560 individual slides when 3 cabinets are stacked one above the other

Mix & match between individual & bulk possible

### equitron® Test Tube Rack

Wide choice from Ø13 to Ø40mm



8 holes to 96 holes

Die punched burr free holes

Top & bottom perforated, bottom plain

### equitron<sup>®</sup>

### **Slide Staining Assemblies**

Full SS construction



Trough of 25 slides die pressed with loose lid

Rack slots die slotted for easy individual holding

Two sizes 10 & 25 slides



## equitron<sup>®</sup> Pipette & Petri Dish Sterilizing Box



Pipette boxes supplied with autoclave able rubber discs for protection of pipette tips

Petri Dish Box die pressed seamless



#### **ESR Blood Sedimentation Apparatus**



Stainless steel base & Top

Rest moulded or coated with non corrosive material

Unique spring mechanism for Westergren permits single hand operation

## equitron<sup>®</sup> Petri Plate Exposure Stand Parallel / Inclined

Stackable with perforated top

Suitable for 1 petri plate with open lid

Size 200 x 110 x 300(ht) mm

#### **Test Tube Caps**

#### **Spreader**

#### **Cork Borer**

#### **Weighing Boats**











<u>NOTES:</u>

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